10 763840

Mon, 1 Jan 2007, 4:52:49 PM EST

Edit an existing query or compose a new query in the Search Query Display.

Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Search Query Display

Run Search   Reset

Recent Search Queries

#1   (((park* and sens* and (mimo* <or> (multiple <near/1> input*) <or> (multiple <near/2> output*)) <and> (rear* <near/2> bumper*))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)

#2   (((park* and sens* and (mimo* <or> (multiple <near/1> input*) <or> (multiple <near/2> output*)) <and> (rear* <near/2> bumper*))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)

#3   park* and sens* and (mimo* <or> (multiple* <near/2> input*) <or> (multiple* <near/2> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)

#4   park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)

#5   park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> (rear* <near/3> bumper*) <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)

#6   park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> (rear* <near/3> bumper*) <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)

#7   park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)

#8   park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)

#9   park* and sens* and (mimo* <or> (multiple* <near/2> input*) <or> (multiple* <near/2> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)

#10   park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)

#11   park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> (rear* <near/3> bumper*) <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)

Refine Search

Your wildcard search against 10000 terms has yielded the results below.
Your result set for the last L# is incomplete.
The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.
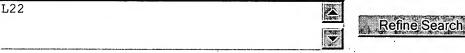**Search Results -**

Terms	Documents
L21 and (MIMO or ((multiple$ adj output$) same (multiple$ adj input$)))	4

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L22

[Refine Search]

[Recall Text] [Clear] [Interrupt]

Search History

DATE: Monday, January 01, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name Query side by side	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L22 L21 and (MIMO or ((multiple$ adj output$) same (multiple$ adj input$)))	4	L22
L21 L18 OR L19 OR L20	292	L21
DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L20 ("20050165525"| "20050162261"| "6114950"| "5400246")[URPN]	219	L20
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L19 L17	4	L19
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
(4250554	4962473	4641262	5650765	4831568	4379336	4303973	4181959	4477809	4418333	4621334	3955073	3654449	3961168			

L18	3634824 | 4967860 | 5099444 | 3971000 | 4864519 | 5764136 | 4084249 | 4201908 | 4663704 | 4371871 | 4782448 | 4695880 | 4648123 | 4524354 | 3922629 | 4195348 | 4284849 | 4821221 | 4885580 | 4101883 | 4852031 | 4928099 | 4908612 | 4935875 | 4396977 | 4755808 | 4945473 | 4151596 | 4947367 | 4779079 | 3899772 | 4920481 | 5220522 | 4882684 | 4852032 | 4823122 | 4710869 | 4213035 | 4797673 | 5574426 | 4704604 | 4370727 | 3898643 | 4480312 | 4371922 | 4181960 | 5844471 | 4467313 | 4551722 | 5373482 | 4695833 | 4829472 | 5065360 | 4669053 | 4903004)![PN]	69	L18

DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L17	("20050165525"| "20050162261"| "6114950"| "5400246")[PN]	4	L17

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L16	L14 AND (REAR$ SAMEBUMPER$) AND THRESHOLD$	5	L16
L15	L14 AND (REAR$ WITH BUMPER$)	1	L15
L14	L12 OR L13	62	L14
L13	@Pd<=20040122 and PARK$ and (MIMO or ((multiple$ adj output$) same (multiple$ adj input$))) and (car or vehicle or automobile)	37	L13
L12	@ad<=20040122 and PARK$ and (MIMO or ((multiple$ adj output$) same (multiple$ adj input$))) and (car or vehicle or automobile)	62	L12
L11	L10 and MIMO$	38	L11
L10	@ad<=20040122 and PARK$ and (MIMO or ((multiple$ adj2 output$) same (multiple$ adj2 input$))) and (car or vehicle or automobile)	126	L10
L9	@ad<=20040122 and PARK$ and (MIMO or ((multiple$ near3 output$) and (multiple$ near3 input$))) and (car or vehicle or automobile)	607	L9
L8	l4 and L7	7	L8
L7	L5 or 701/49.ccls.	3593	L7
L6	l4 and L5	7	L6
L5	340/435.ccls. or 342/070.ccls. or 348/148.ccls. or 701/36.ccls.	3238	L5
L4	l2 or L3	17	L4
L3	@pd<=20040122 and PARK$ and (RF$ adj signal$) and (rear$ with bumper$) AND (car$ or vehicle$ or automobile)	10	L3
L2	@ad<=20040122 and PARK$ and (RF$ adj signal$) and (rear$ with bumper$) AND (car$ or vehicle$ or automobile)	17	L2
L1	@ad<=20040122 and PARK$ and (RF adj signal) and (MIMO or ((multiple adj output$) and (multiple adj input$))) and (rear$ with bumper$) AND (car or vehicle or automobile)	1	L1

END OF SEARCH HISTORY

Hit List

Your wildcard search against 10000 terms has yielded the results below.
Your result set for the last L# is incomplete.
The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |

| Generate OACS |

Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 20050165525 A1

L2: Entry 1 of 17   File: PGPB   Jul 28, 2005

PGPUB-DOCUMENT-NUMBER: 20050165525
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050165525 A1

TITLE: Parking guidance system for large vehicles

PUBLICATION-DATE: July 28, 2005

INVENTOR-INFORMATION:
NAME	CITY	STATE	COUNTRY
Li, Shih-Hsiung	Taipei		TW

US-CL-CURRENT: 701/36; 348/148

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2. Document ID: US 20040119633 A1

L2: Entry 2 of 17   File: PGPB   Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040119633
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040119633 A1

TITLE: Methods and apparatus for obtaining positional information

PUBLICATION-DATE: June 24, 2004

INVENTOR-INFORMATION:
NAME	CITY	STATE	COUNTRY
Oswald, Gordon Kenneth Andrew	Huntingdon		GB
Richardson, Alan Trevor	Ely		GB
Burchett, Michael Hugh	Chesterton		GB
Clouston, Eric Nicol	Chesterton		GB

Toutoungi, Danielle Emma   Leamington Spa   GB

US-CL-CURRENT: <u>342/70</u>; <u>340/435</u>, <u>340/436</u>, <u>340/903</u>, <u>342/146</u>, <u>342/147</u>, <u>342/72</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 3.   Document ID: US 20030221118 A1

L2: Entry 3 of 17   File: PGPB   Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030221118
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030221118 A1

TITLE: Automated accounting system that values, controls, records and bills the
uses of equipment/vehicles for society

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Walker, Richard C.	Waldorf	MD	US

US-CL-CURRENT: <u>713/193</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 4.   Document ID: US 20030151541 A1

L2: Entry 4 of 17   File: PGPB   Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030151541
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030151541 A1

TITLE: Methods and apparatus for obtaining positional information

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Oswald, Gordon Kenneth Andrew	Cambridge		GB
Richardson, Alan Trevor	Cambridge		GB
Burchett, Michael Hugh	Cambridge		GB
Clouston, Eric Nicol	Cambridge		GB
Toutoungi, Danielle Emma	Warwickshire		GB

US-CL-CURRENT: <u>342/70</u>; <u>342/22</u>, <u>342/27</u>, <u>342/28</u>, <u>342/71</u>, <u>342/72</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐   5.   Document ID: US 20030146826 A1

L2: Entry 5 of 17   File: PGPB   Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030146826
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030146826 A1

TITLE: Back-up aid indicator

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Viana, Luis M.	Wakefield	MA	US
Delcheccolo, Michael J.	Westford	MA	US
Woodington, Walter G.	Lincoln	MA	US
Russell, Mark E.	Westford	MA	US

US-CL-CURRENT: 340/435; 340/436, 340/932.2

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐   6.   Document ID: US 20020147534 A1

L2: Entry 6 of 17   File: PGPB   Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147534
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020147534 A1

TITLE: Near object detection system

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Delcheccolo, Michael Joseph	Westford	MA	US
Russell, Mark E.	Westford	MA	US
Woodington, Walter Gordon	Lincoln	MA	US
Pleva, Joseph S.	Londonderry	NH	US
Firda, John M.	Andover	MA	US
Van Rees, H. Barteld	Needham	MA	US

US-CL-CURRENT: 701/45; 340/435, 342/72

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 7.   Document ID: US 20020067287 A1

L2: Entry 7 of 17   File: PGPB   . Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020067287
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020067287 A1

TITLE: Near object detection system

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Delcheccolo, Michael Joseph	Westford	MA	US
Russell, Mark E.	Westford	MA	US
Woodington, Walter Gordon	Lincoln	MA	US
Pleva, Joseph S.	Londonderry	NH	US
Van Rees, H. Barteld	Needham	MA	US

US-CL-CURRENT: <u>340/901</u>; <u>340/10.1</u>, <u>340/435</u>, <u>340/436</u>, <u>340/539.1</u>, <u>340/903</u>, <u>340/988</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 8.   Document ID: US 7068211 B2

L2: Entry 8 of 17   File: USPT   Jun 27, 2006

US-PAT-NO: 7068211
DOCUMENT-IDENTIFIER: US 7068211 B2

TITLE: Methods and apparatus for obtaining positional information

PRIOR-PUBLICATION:
DOC-ID   DATE
US 20030151541 A1   August 14, 2003

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 9.   Document ID: US 7026922 B1

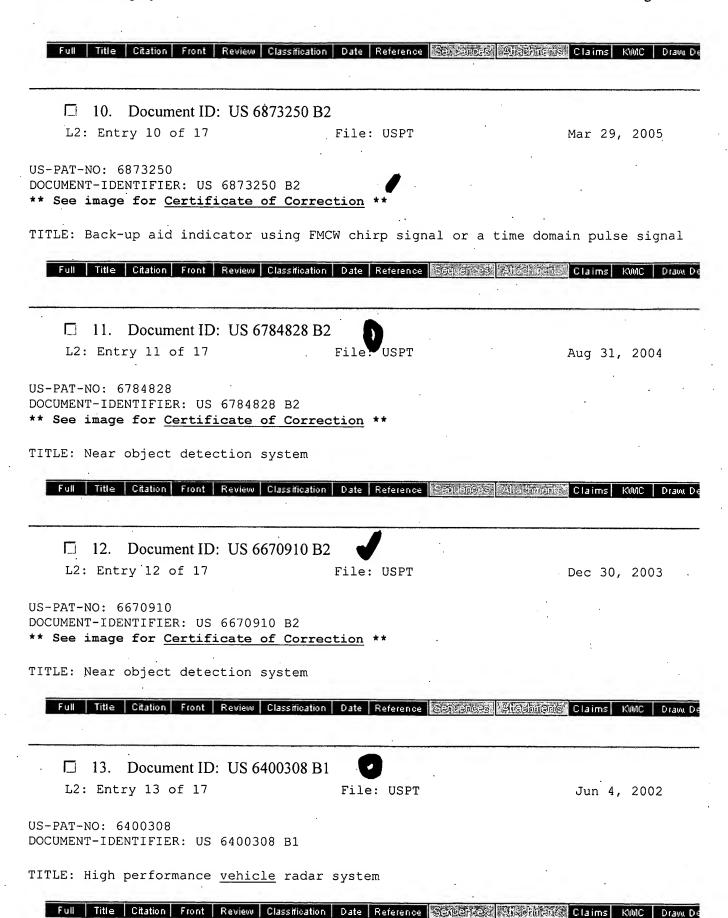L2: Entry 9 of 17   File: USPT   Apr 11, 2006

US-PAT-NO: 7026922
DOCUMENT-IDENTIFIER: US 7026922 B1

TITLE: Method and apparatus for automatically identifying the location of pressure
sensors in a tire pressure monitoring system

`Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De`

□ 10. Document ID: US 6873250 B2

L2: Entry 10 of 17   File: USPT   Mar 29, 2005

US-PAT-NO: 6873250
DOCUMENT-IDENTIFIER: US 6873250 B2
** See image for **Certificate of Correction** **

TITLE: Back-up aid indicator using FMCW chirp signal or a time domain pulse signal

`Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De`

□ 11. Document ID: US 6784828 B2

L2: Entry 11 of 17   File: USPT   Aug 31, 2004

US-PAT-NO: 6784828
DOCUMENT-IDENTIFIER: US 6784828 B2
** See image for **Certificate of Correction** **

TITLE: Near object detection system

`Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De`

□ 12. Document ID: US 6670910 B2

L2: Entry 12 of 17   File: USPT   Dec 30, 2003

US-PAT-NO: 6670910
DOCUMENT-IDENTIFIER: US 6670910 B2
** See image for **Certificate of Correction** **

TITLE: Near object detection system

`Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De`

□ 13. Document ID: US 6400308 B1

L2: Entry 13 of 17   File: USPT   Jun 4, 2002

US-PAT-NO: 6400308
DOCUMENT-IDENTIFIER: US 6400308 B1

TITLE: High performance vehicle radar system

`Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De`

☐   14.   Document ID: US 6232910 B1
L2: Entry 14 of 17   File: USPT   May 15, 2001

US-PAT-NO: 6232910
DOCUMENT-IDENTIFIER: US 6232910 B1
** See image for **Certificate of Correction** **

TITLE: High performance vehicle radar system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐   15.   Document ID: US 4654834 A
L2: Entry 15 of 17   File: USPT   Mar 31, 1987

US-PAT-NO: 4654834
DOCUMENT-IDENTIFIER: US 4654834 A
** See image for **Certificate of Correction** **

TITLE: Weatherproofed ultrasonic transducer assembly and systems incorporating same

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐   16.   Document ID: US 4361202 A
L2: Entry 16 of 17   File: USPT   Nov 30, 1982

US-PAT-NO: 4361202
DOCUMENT-IDENTIFIER: US 4361202 A
** See image for **Certificate of Correction** **

TITLE: Automated road transportation system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐   17.   Document ID: US 20050165525 A1
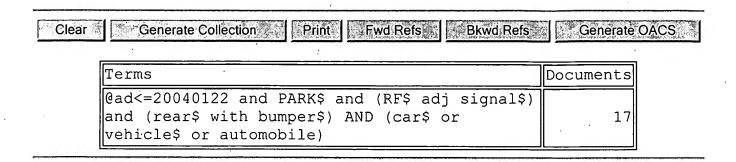L2: Entry 17 of 17   File: DWPI   Jul 28, 2005

DERWENT-ACC-NO: 2005-553200
DERWENT-WEEK: 200556
COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Parking guidance system for large vehicles, has radio console unit
comprising RF signal receiver module which receives RF signals from RF signal
transmitter module of data collection system installed in horizontal bar

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
@ad<=20040122 and PARK$ and (RF$ adj signal$) and (rear$ with bumper$) AND (car$ or vehicle$ or automobile)	17

Display Format: [-   ] | Change Format |

Previous Page   Next Page   Go to Doc#

Mon, 1 Jan 2007, 4:52:49 PM EST

Search Query Display

Recent Search Queries | **Results**

#1
(((park* and sens* and (mimo* <or> (multiple <near/1> input*) <or> (multiple <near/2> output*)) <and> (rear* <near/2> bumper*))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)
— 0

#2
(((park* and sens* and (mimo* <or> (multiple <near/1> input*) <or> (multiple <near/2> output*)) <and> (rear* <near/2> bumper*))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)
— 0

#3
park* and sens* and (mimo* <or> (multiple* <near/2> input*) <or> (multiple* <near/2> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)
— 171

#4
park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)
— 144

#5
park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> (rear* <near/3> bumper*) <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)
— 0

#6
park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> (rear* <near/3> bumper*) <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)
— 0

#7
park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)
— 144

#8
park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)
— 144

#9
park* and sens* and (mimo* <or> (multiple* <near/2> input*) <or> (multiple* <near/2> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)
— 171

#10
park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> rear* <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)
— 144

#11
park* and sens* and (mimo* <or> (multiple* <near/1> input*) <or> (multiple* <near/1> output*)) <and> (rear* <near/3> bumper*) <in>pdfdata <and> (pyr >= 1950 <and> pyr <= 2003)
— 0